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Site Name HANCOCK COUNTRY HAMS

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DocDate 2/13/2009

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AccessLevel Public

Division Waste Management

Section Superfund

Program IHS (IHS)

DocCat Facility





Trigon Engineering Consultants, Inc.  
313 Gallimore Dairy Road  
Greensboro, North Carolina 27409

SCALE:  
1"=400'

DATE:  
1/15/09

APPROVED  
BY: *CDN*

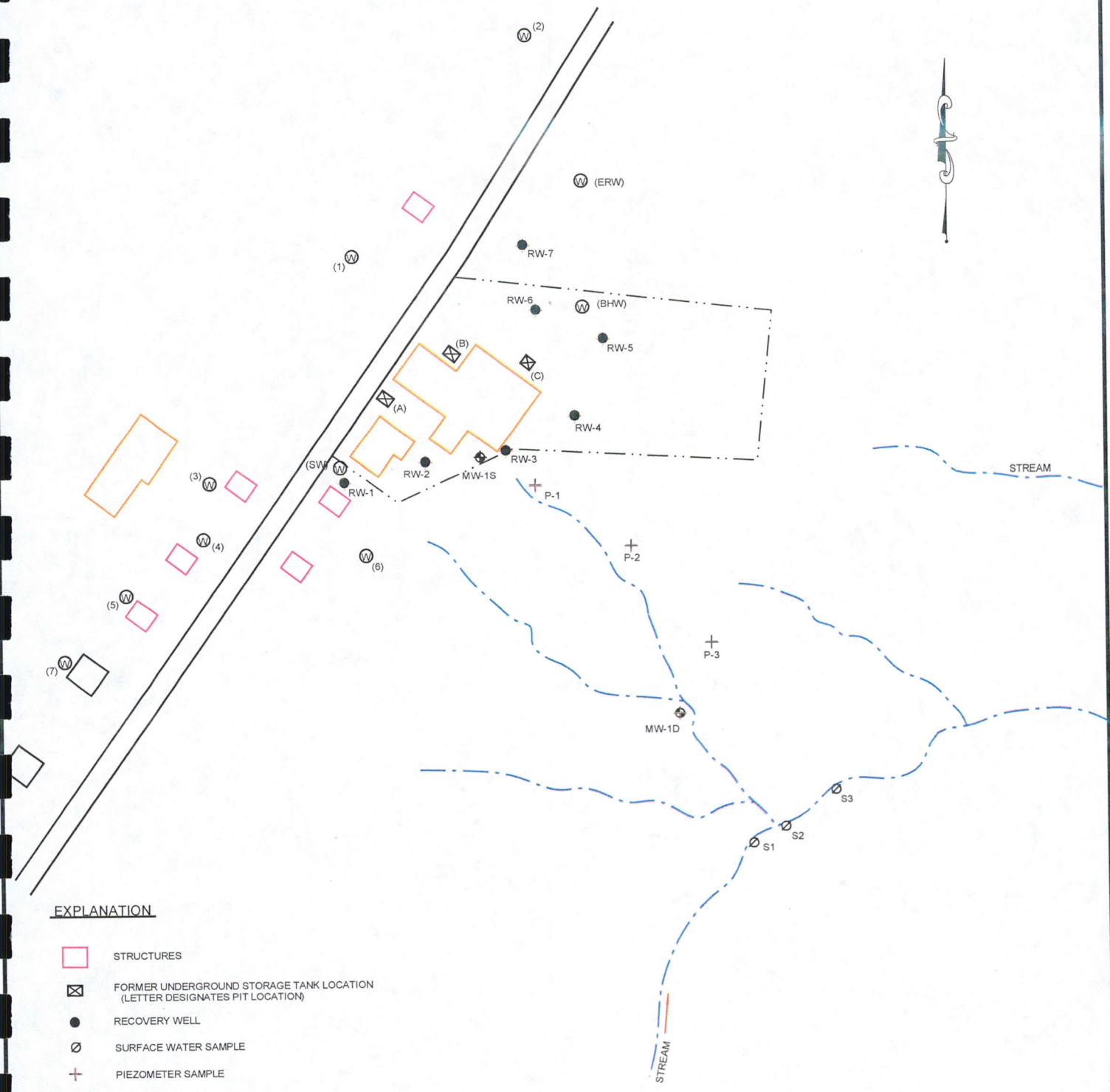
SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS  
CHAPEL QUADRANGLE

HANCOCK COUNTRY HAMS  
3484 NC HIGHWAY 22  
FRANKLINVILLE, NORTH CAROLINA  
TRIGON PROJECT NO. 99197

SITE LOCATION MAP

FIGURE  
1





**EXPLANATION**

- STRUCTURES
- FORMER UNDERGROUND STORAGE TANK LOCATION  
(LETTER DESIGNATES PIT LOCATION)
- RECOVERY WELL
- SURFACE WATER SAMPLE
- PIEZOMETER SAMPLE
- MONITORING WELL
- DOMESTIC WATER SUPPLY WELL - (NUMBER FOR IDENTIFICATION PURPOSE ONLY)
- ERW - ED RHODES WELL
- BHW - BLOCK HOUSE WELL - (ABANDONED)
- SW - SOUTH WELL



TRIGON|KLEINFELDER, INC.  
CHARLOTTE, NORTH CAROLINA

8/14/97

**SITE MAP**

**HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA**

DRAWN BY: DRK

DATE: 8/13/04

APPROVED BY

CDN

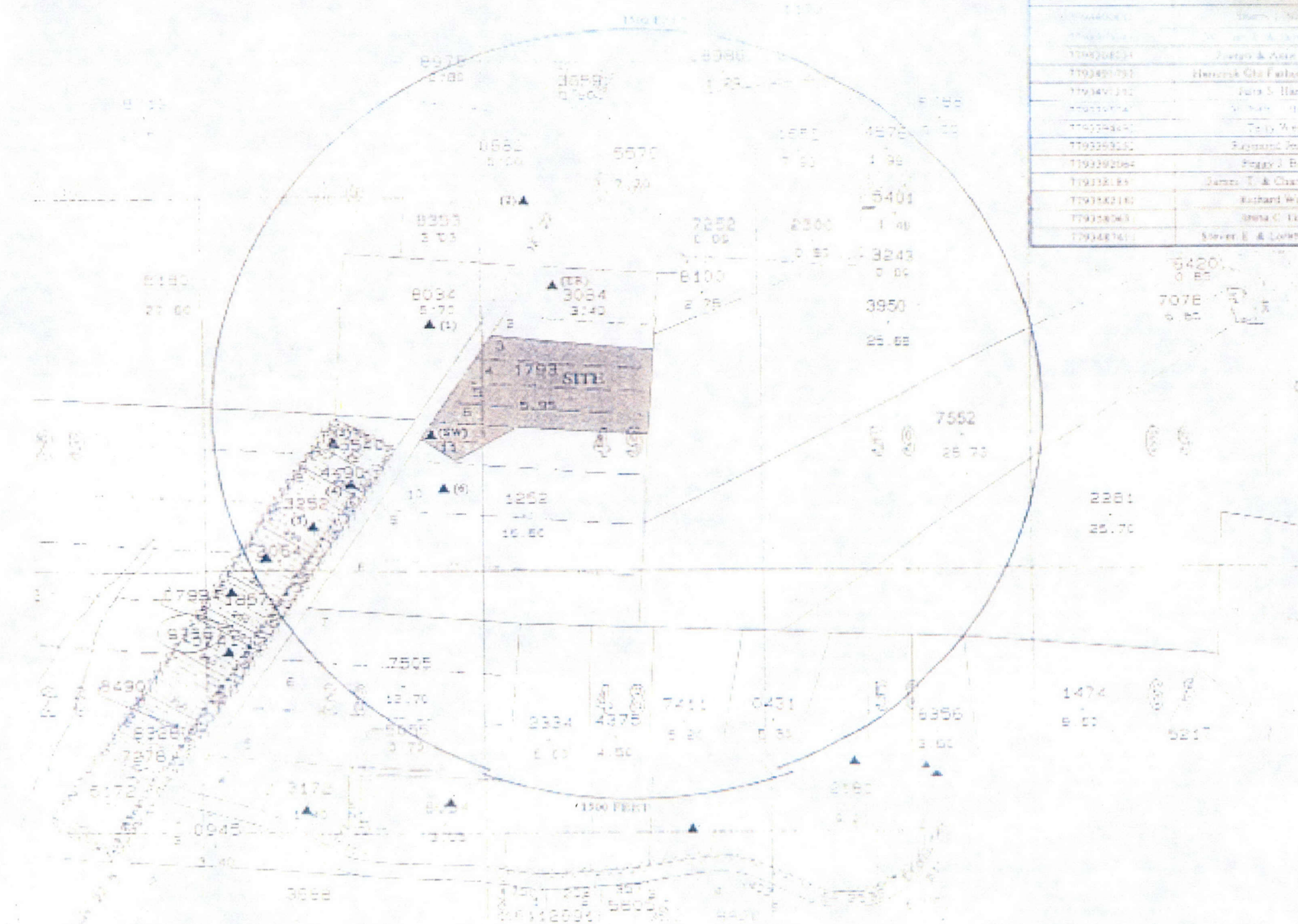
Project No. 99197

HORIZONTAL: 1" = 300'

FIGURE 2



Parcel ID No.	Property Owner	Property Address
179930001	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930002	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930003	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930004	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930005	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930006	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930007	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930008	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930009	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930010	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930011	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930012	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930013	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930014	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930015	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930016	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930017	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930018	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930019	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044
179930020	Sherry J. Norman	1000 N. Hwy 27 N., Franklinville, NC 27044

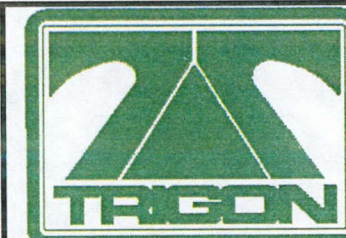


#### EXPLANATION

- ▲ WATER SUPPLY WELL
- (1) SAMPLE IDENTIFICATION NUMBER
- 6 LOT IDENTIFICATION NUMBER

NOTE: WATER SUPPLY WELL LOCATIONS ARE APPROXIMATE

FIGURE FROM RANDOLPH COUNTY, NORTH CAROLINA 1996 PROPERTY MAP, SHEETS 7793 AND 7794



Trigon Engineering Consultants, Inc.  
313 Gallimore Dairy Road  
Greensboro, North Carolina 27409

SCALE:  
1" = 400'

DATE:  
1/15/09

APPROVED  
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SOURCE: BPA ENVIRONMENTAL & ENGINEERING, INC. MARCH 23, 1998 REPORT

HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA  
TRIGON PROJECT NO. 99197

WATER SUPPLY WELLS WITHIN  
1500 FEET OF THE SITE

FIGURE 3





#### EXPLANATION

- (2) SAMPLE IDENTIFICATION NUMBER
- ▲ DOMESTIC WATER SUPPLY WELL
- - - - - APPROXIMATE PROPERTY BOUNDARY
- 750 - TOPOGRAPHIC CONTOUR LINE
- - - - - STREAM
- ✕ MONITORING WELL



Trigon Engineering Consultants, Inc.  
313 Gallimore Dairy Road  
Greensboro, North Carolina 27409

SCALE:  
1" = 500

DATE:  
1/15/09

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BY: *ODN*

SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS  
CHAPEL QUADRANGLE

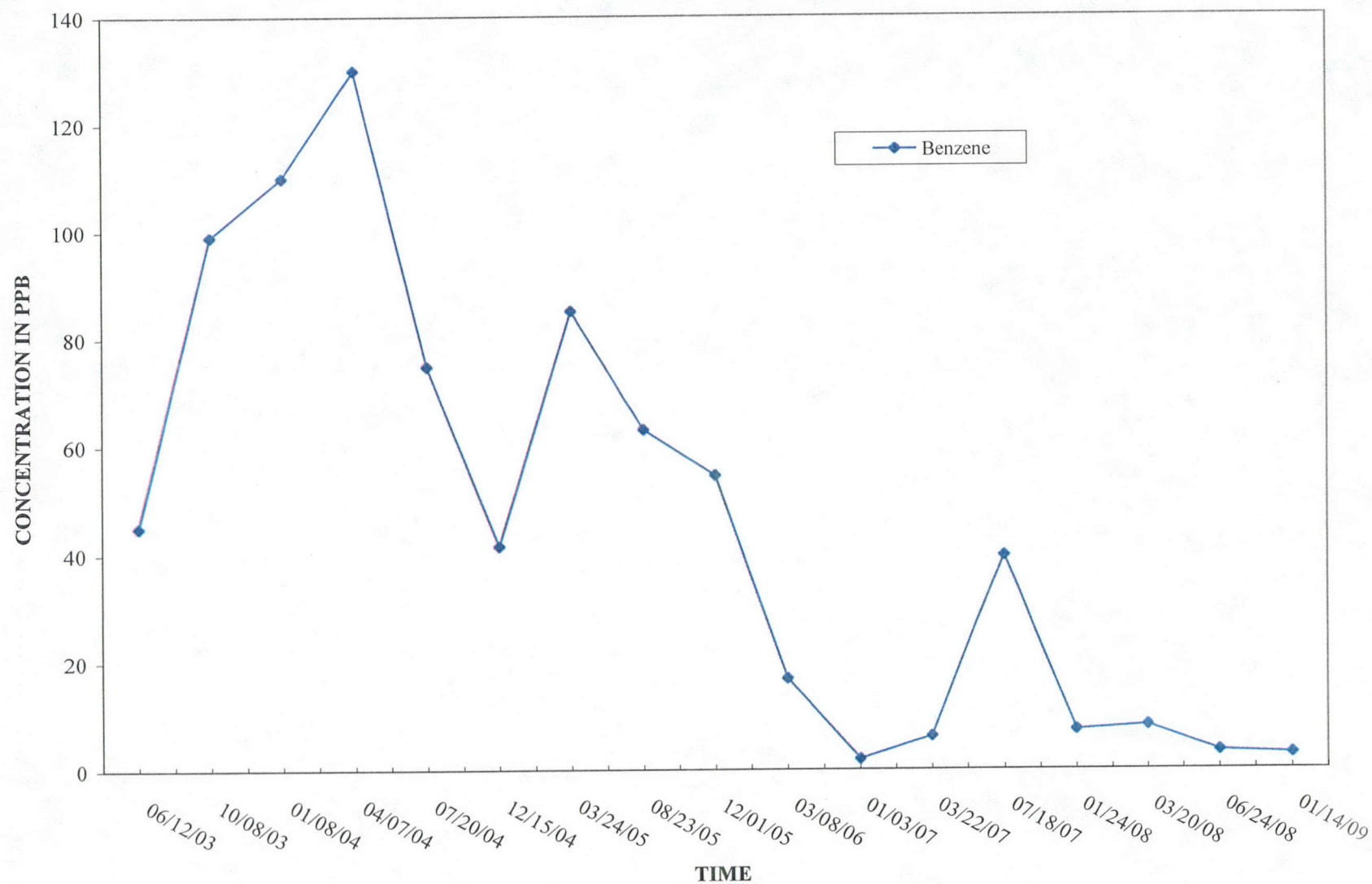
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3484 NC HIGHWAY 22  
FRANKLINVILLE, NORTH CAROLINA  
TRIGON PROJECT NO. 99197

Topographic Relationship of Water Well to the Site

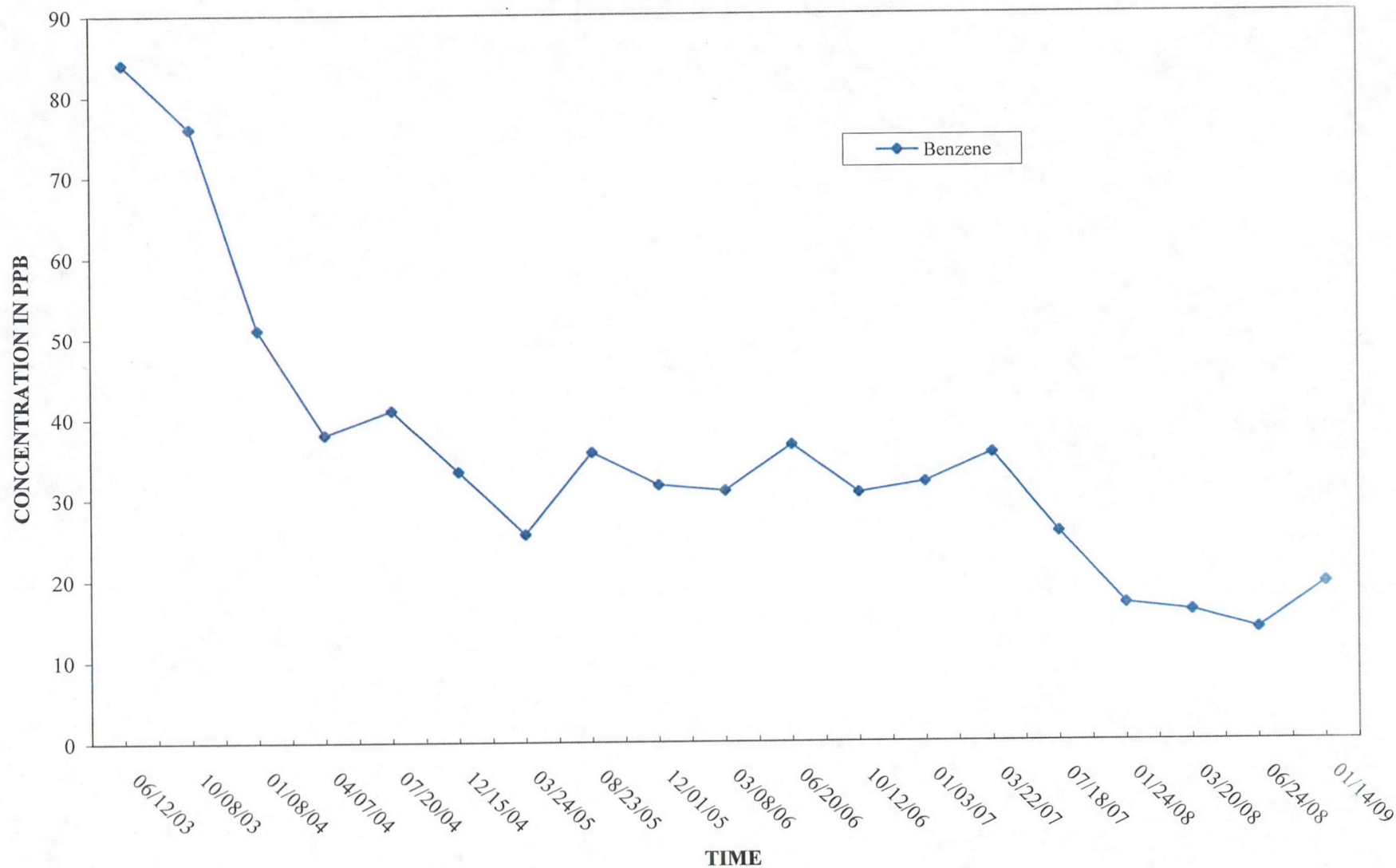
FIGURE  
4



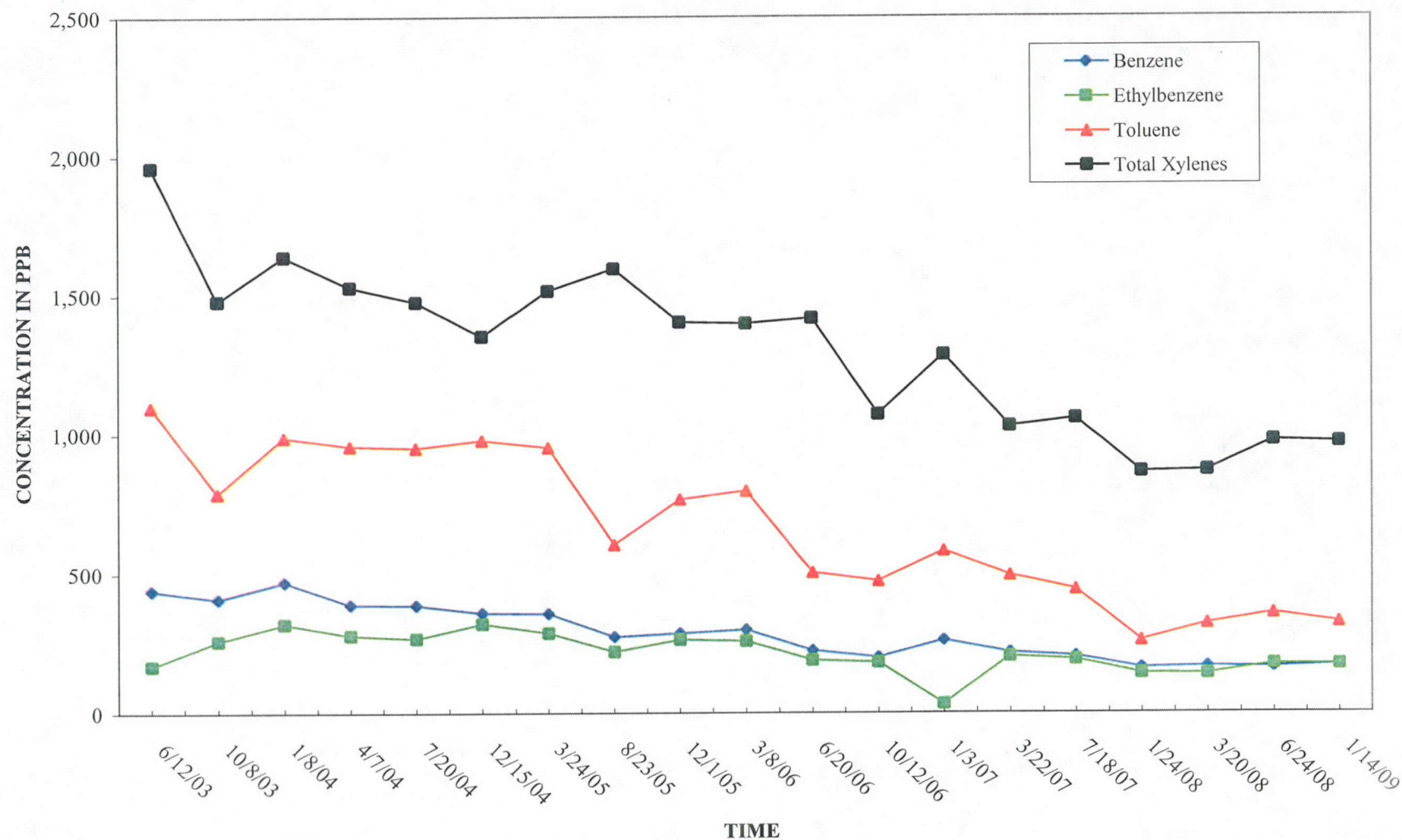
**FIGURE 5**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN RW-3**



**FIGURE 6**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN RW-6 (PLW)**

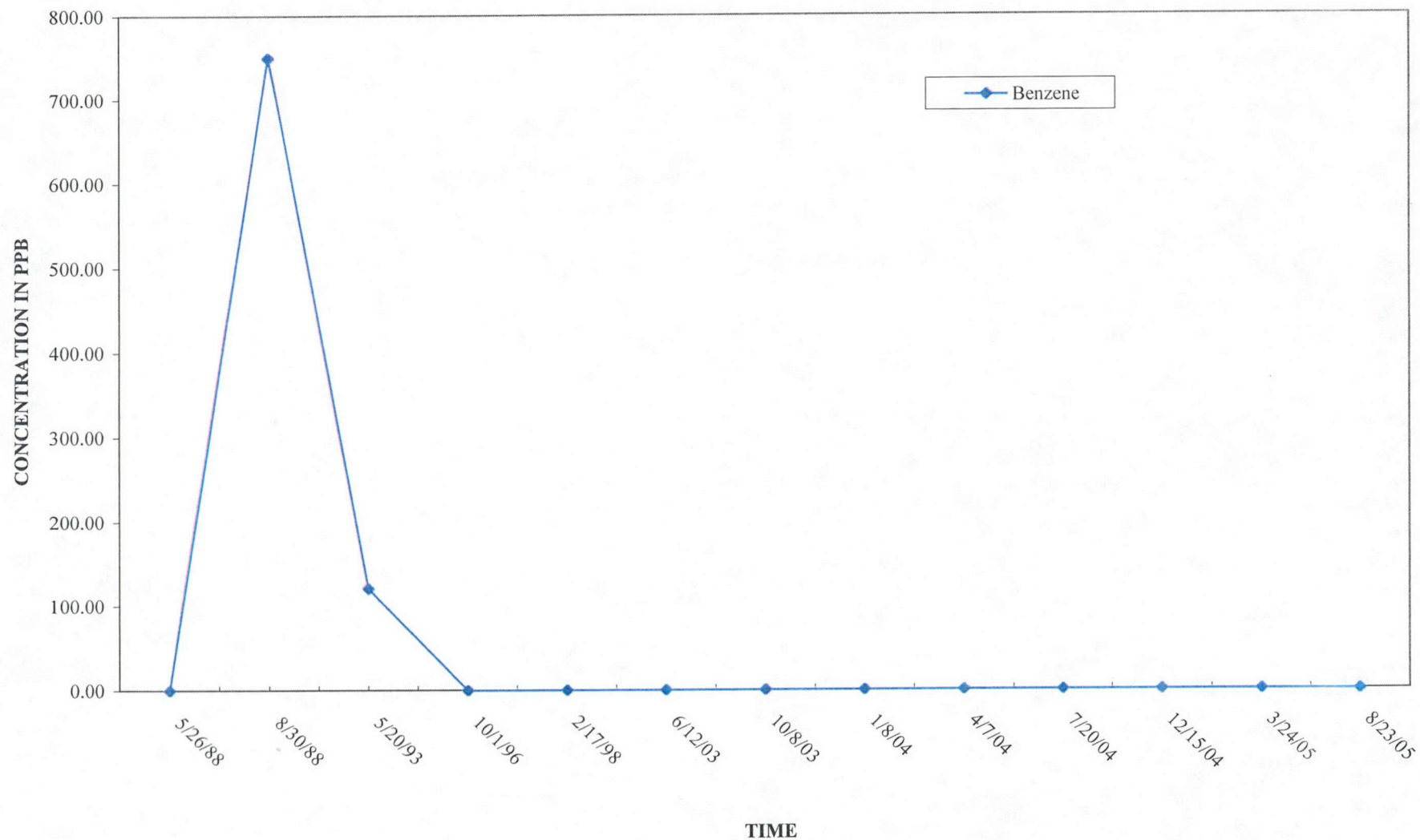


**FIGURE 7**  
**CONCENTRATION OF BENZENE, ETHYLBENZENE,**  
**TOLUENE, AND TOTAL XYLENES**  
**VERSUS TIME IN RW-7**



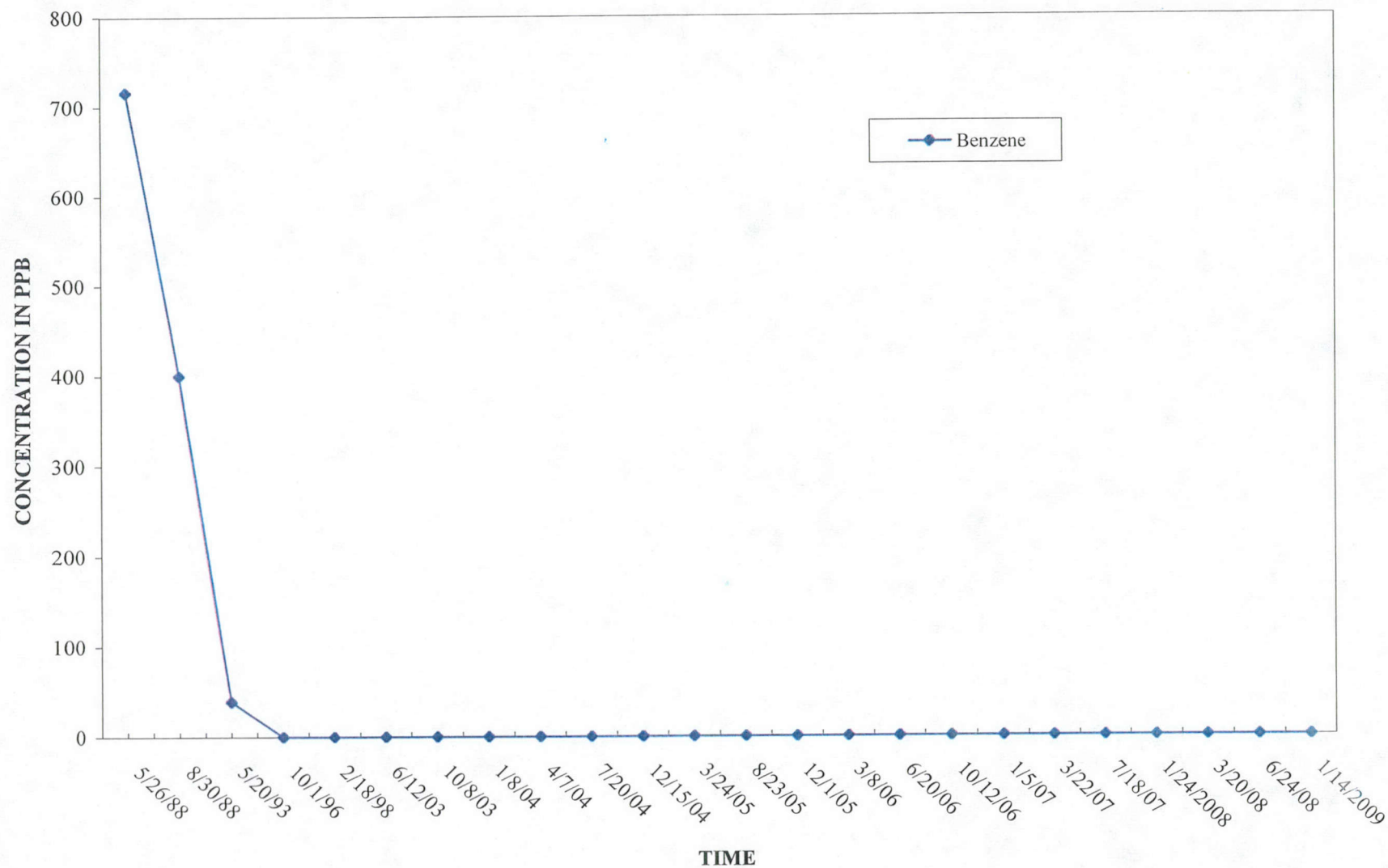


**FIGURE 8**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN THE SOUTH WELL (SW)**



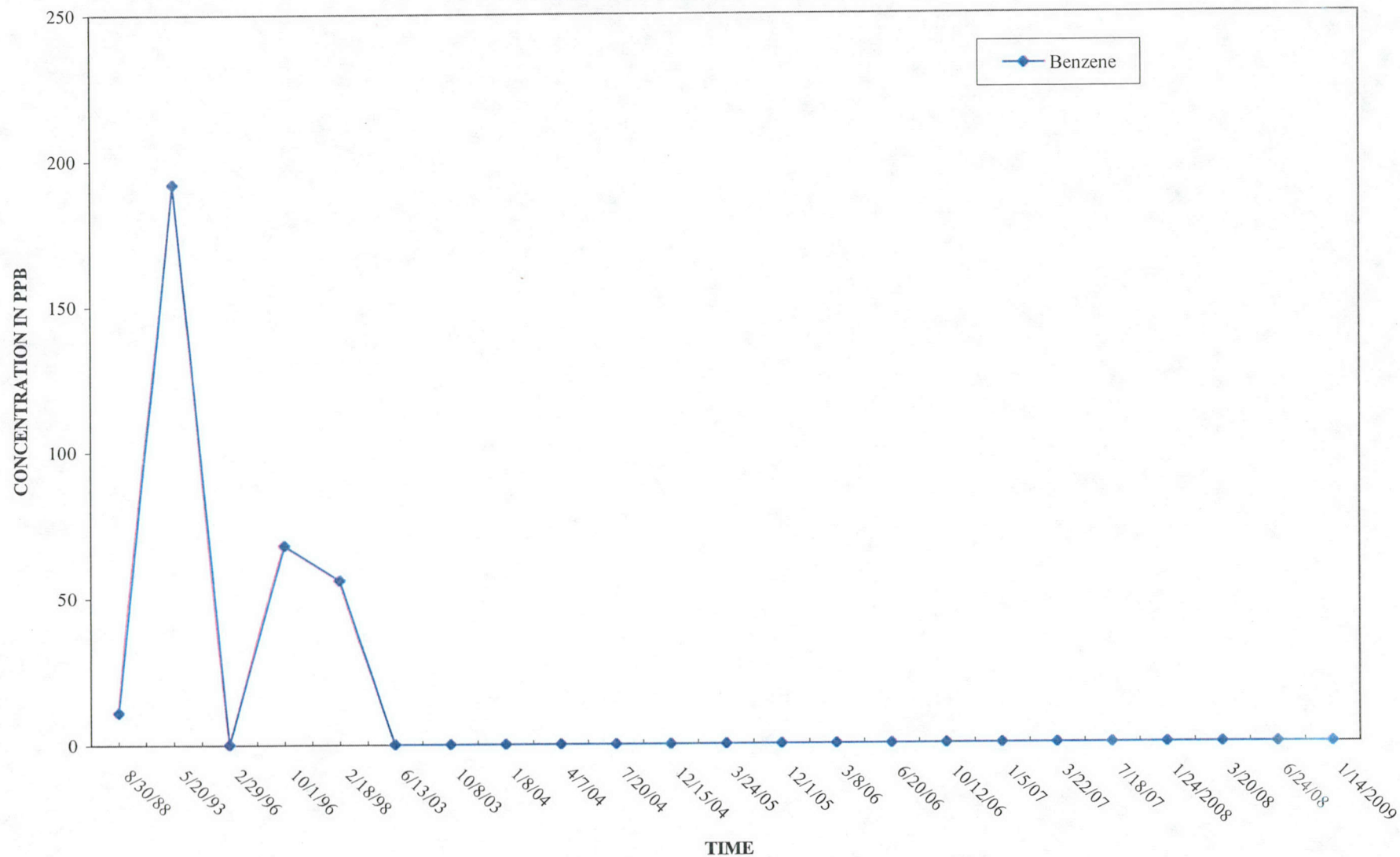


**FIGURE 9**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN THE ED RHODES WELL (ERW)**

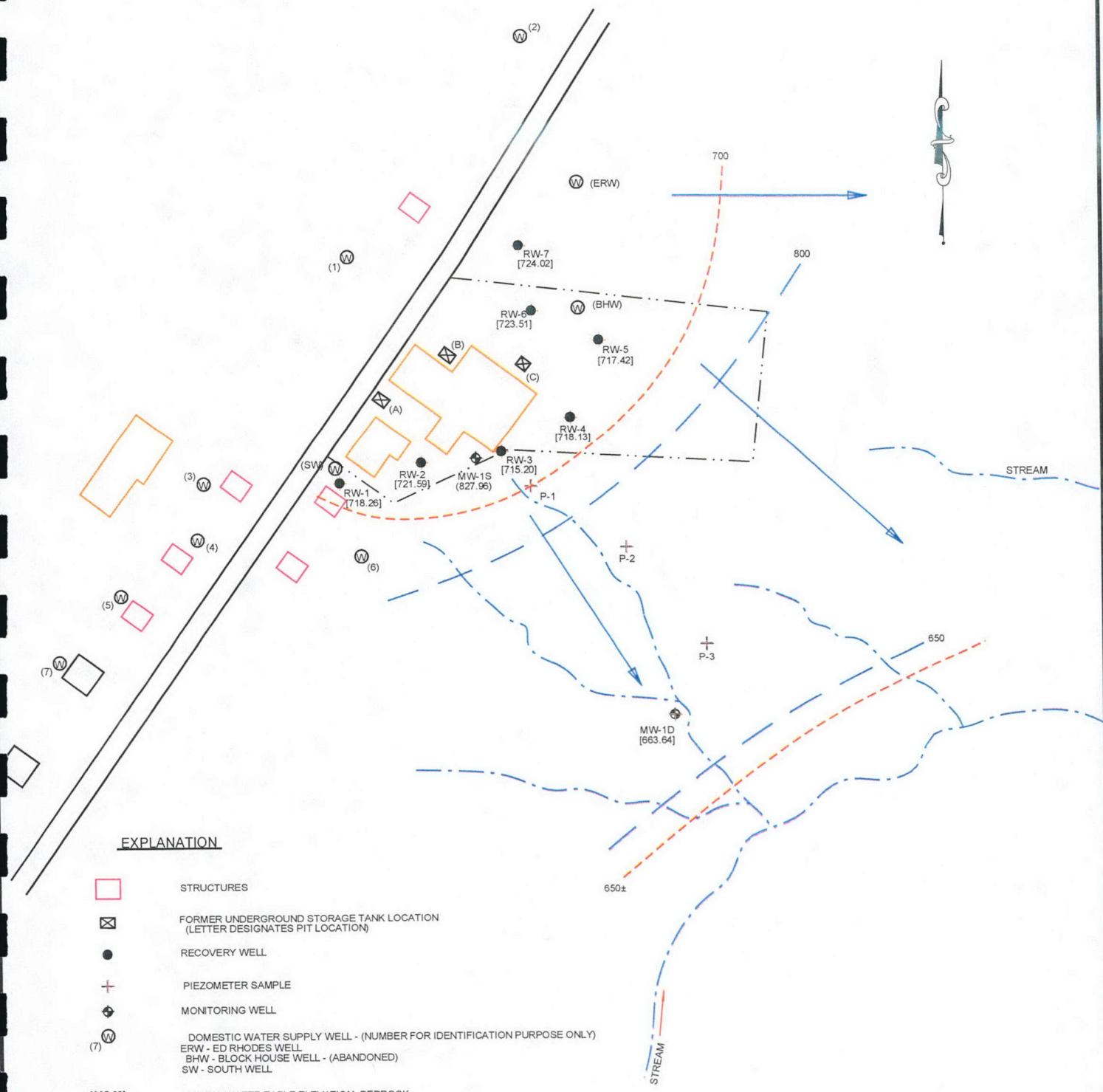


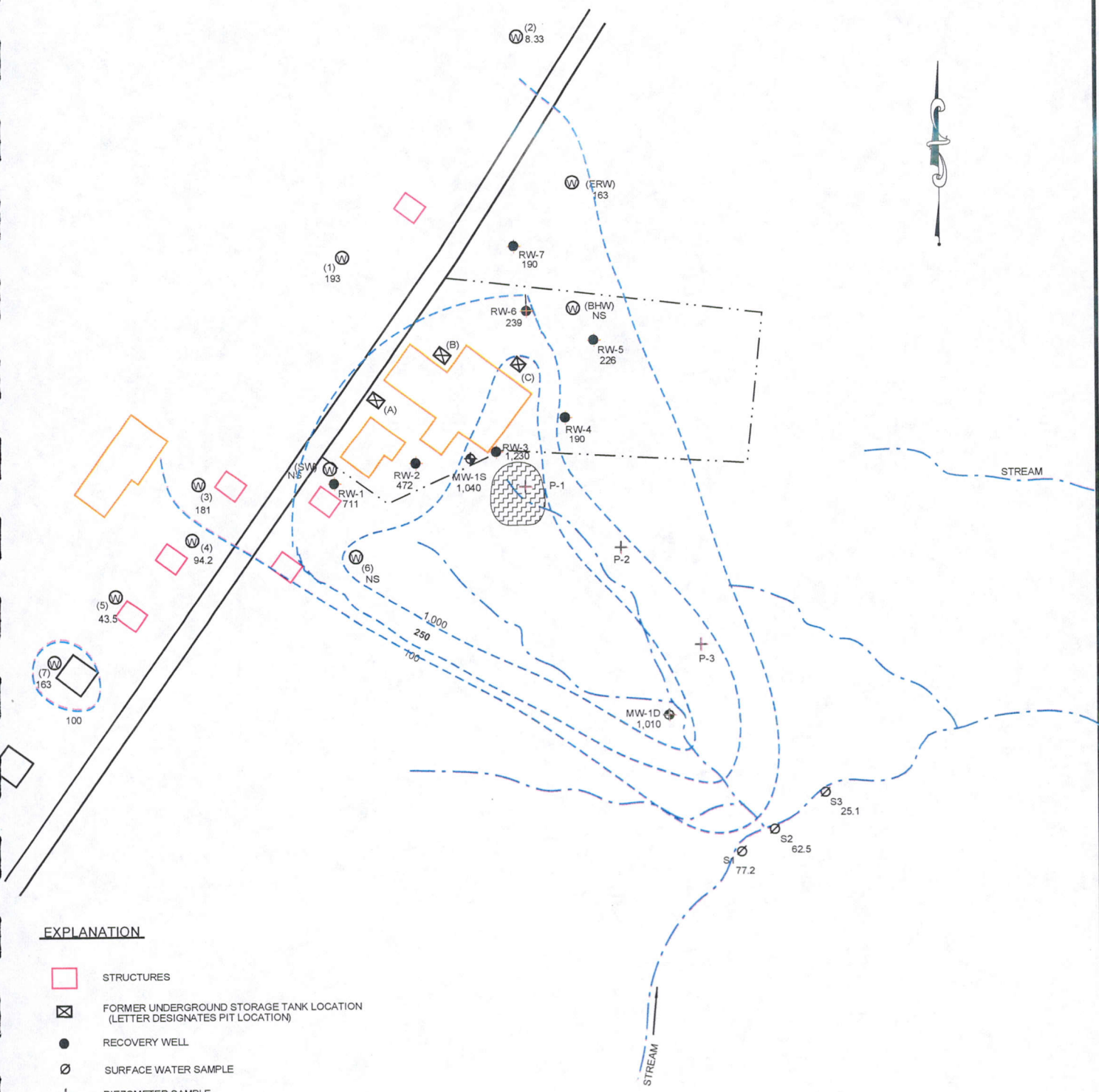


**FIGURE 10**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN JACK HANCOCK WELL (6)**









**EXPLANATION**

- STRUCTURES
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- RECOVERY WELL
- SURFACE WATER SAMPLE
- PIEZOMETER SAMPLE
- MONITORING WELL
- DOMESTIC WATER SUPPLY WELL - (NUMBER FOR IDENTIFICATION PURPOSE ONLY)
- (4) ERW - ED RHODES WELL
- BHW - BLOCK HOUSE WELL - (ABANDONED)
- SW - SOUTH WELL

--- CHLORIDE ISOCONCENTRATION LINE IN ppm

410 TOTAL CHLORIDE IN ppm

SALT DEPOSIT AREA

NS NOT SAMPLED



TRIGON/KLEINFELDER, INC.  
CHARLOTTE, NORTH CAROLINA

# CHLORIDE ISOCONCENTRATION MAP

January 14, 2009

**HANCOCK COUNTRY HAMS**  
**FRANKLINVILLE, NORTH CAROLINA**

DRAWN BY: DRK

DATE: 8/13/04

APPROVED BY

*CDN*

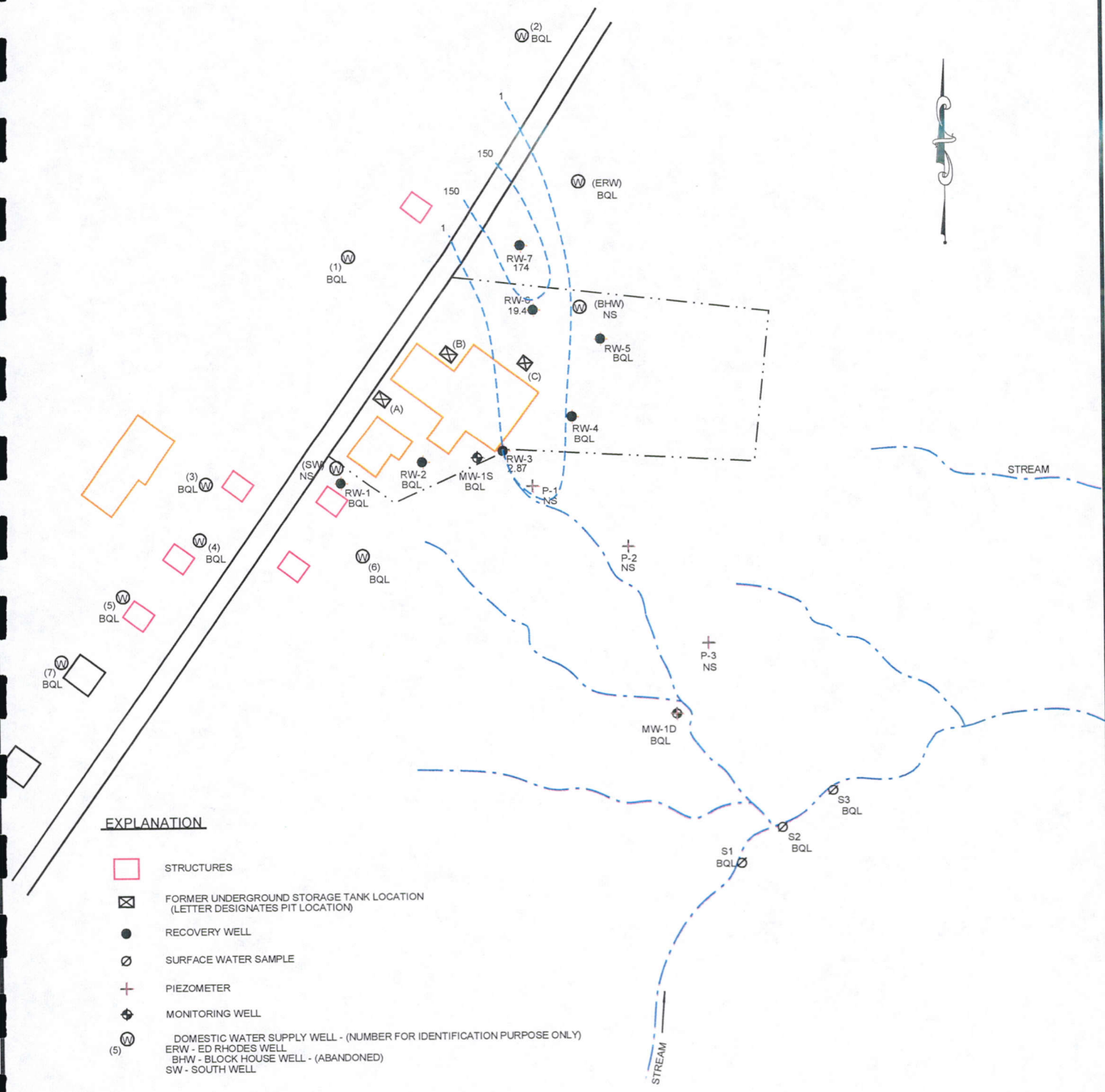
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HORIZONTAL: 1" = 300'

FIGURE 12

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## BENZENE ISOCONCENTRATION MAP

January 14, 2009

**HANCOCK COUNTRY HAMS**  
**FRANKLINVILLE, NORTH CAROLINA**

**DRAWN BY: DRK**

**DATE: 8/9/06**

**APPROVED BY**

*CDN*

**Project No. 99197**

**HORIZONTAL: 1" = 300'**

**FIGURE 13**

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# EXPLANATION



STRUCTURES



FORMER UNDERGROUND STORAGE TANK LOCATION  
(LETTER DESIGNATES PIT LOCATION)



RECOVERY WELL



SURFACE WATER SAMPLE



PIEZOMETER



MONITORING WELL



DOMESTIC WATER SUPPLY WELL - (NUMBER FOR IDENTIFICATION PURPOSE ONLY)



ERW - ED RHODES WELL



BHW - BLOCK HOUSE WELL - (ABANDONED)



SW - SOUTH WELL



ETHYLBENZENE ISOCONCENTRATION LINE

BQL

BELOW QUANTITATION LIMITS

NS

NOT SAMPLED

1.9

ETHYLBENZENE CONCENTRATION (ppb)



TRIGON/KLEINFELDER, INC.  
CHARLOTTE, NORTH CAROLINA

## ETHYLBENZENE ISOCONCENTRATION MAP January 14, 2009

HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA

DRAWN BY: DRK

DATE: 8/13/04

APPROVED BY

CDN

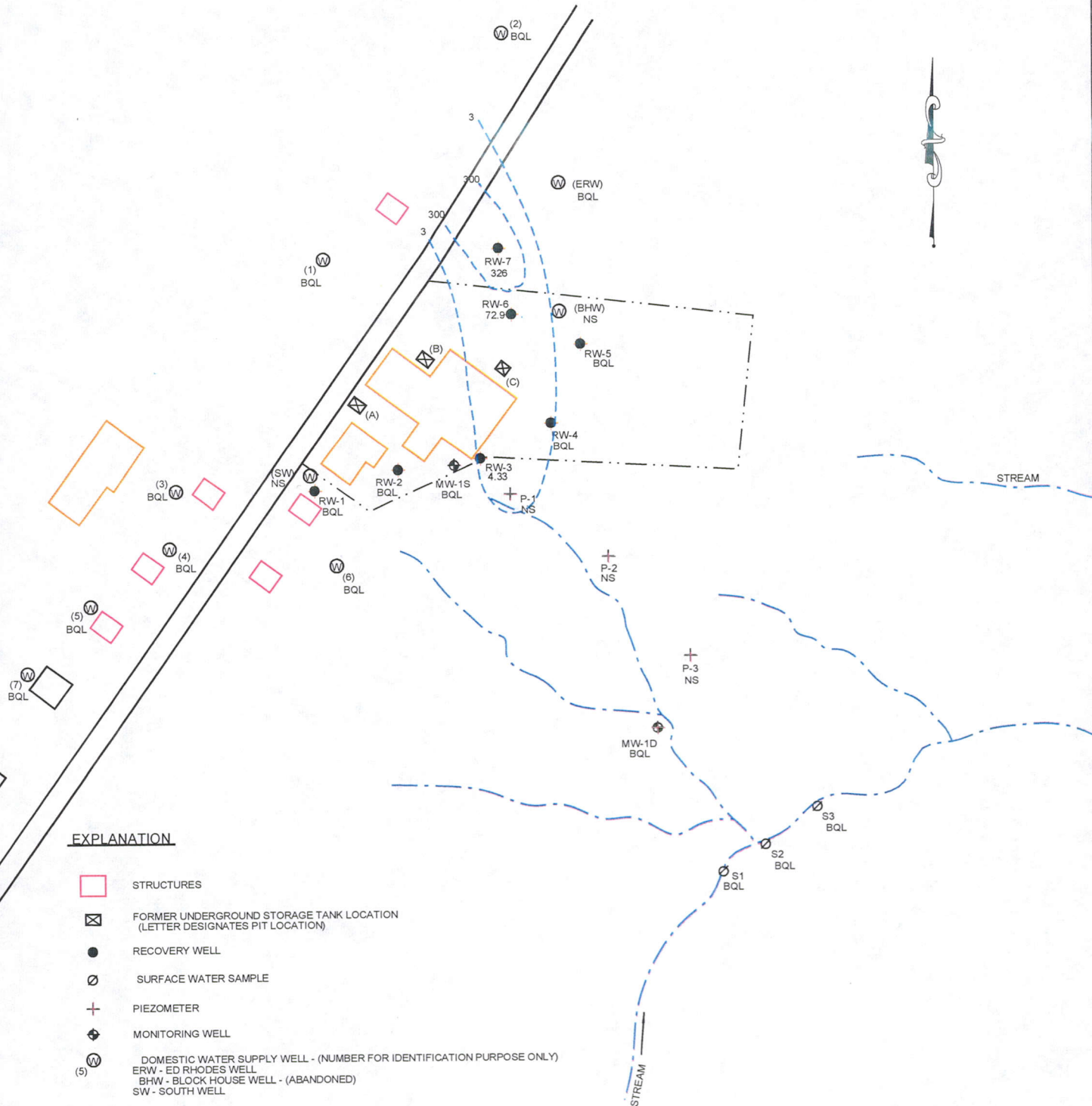
Project No. 99197

HORIZONTAL: 1" = 300'

FIGURE 14

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CHARLOTTE, NORTH CAROLINA

## TOLUENE ISOCONCENTRATION MAP

January 14, 2009

HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA

DRAWN BY: DRK

DATE: 8/13/04

APPROVED BY

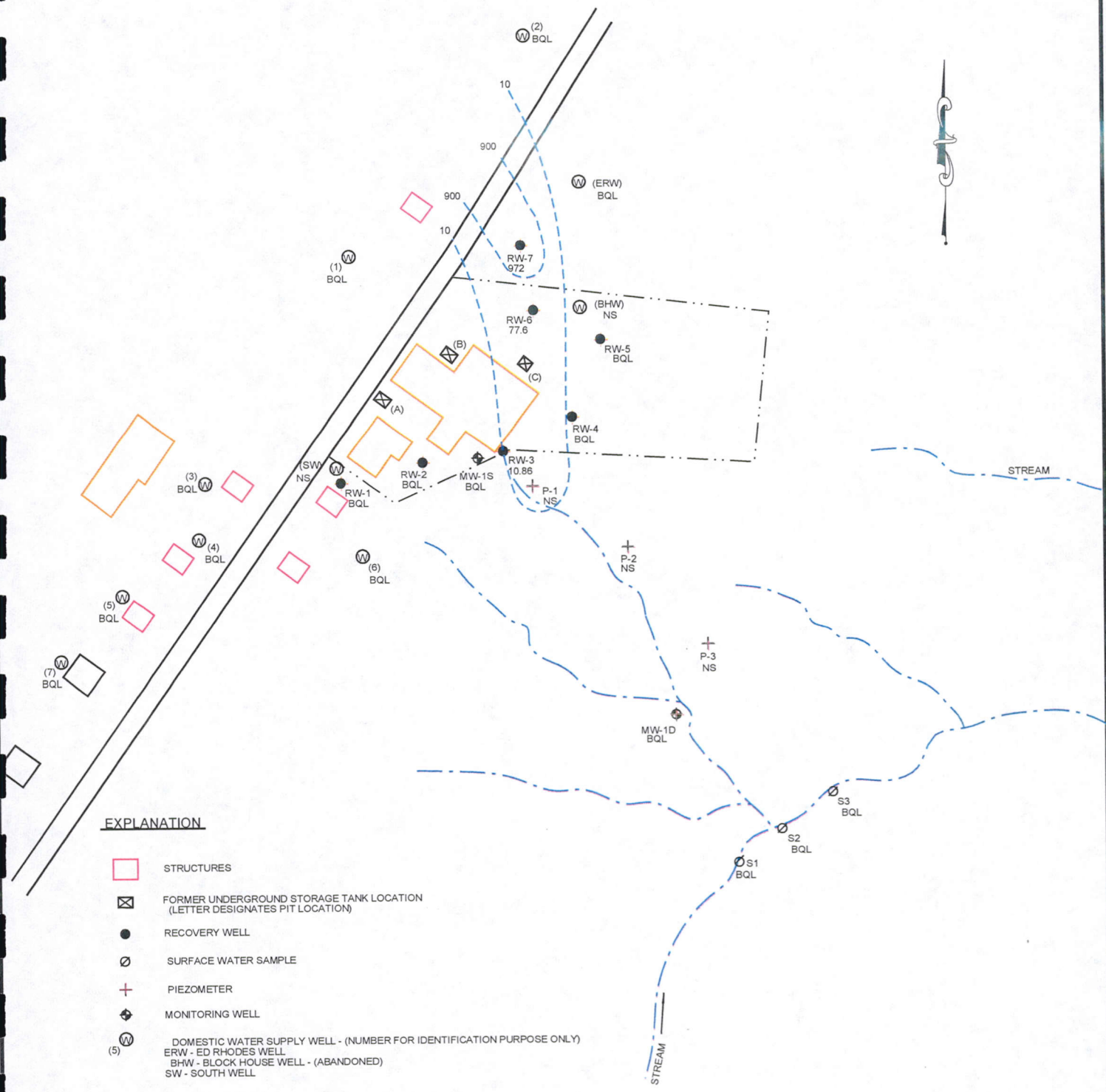
CDN

Project No. 99197

HORIZONTAL: 1" = 300'

FIGURE 15

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**EXPLANATION**

- STRUCTURES
- FORMER UNDERGROUND STORAGE TANK LOCATION (LETTER DESIGNATES PIT LOCATION)
- RECOVERY WELL
- SURFACE WATER SAMPLE
- PIEZOMETER
- MONITORING WELL
- DOMESTIC WATER SUPPLY WELL - (NUMBER FOR IDENTIFICATION PURPOSE ONLY)
- (5) ERW - ED RHODES WELL
- BHW - BLOCK HOUSE WELL - (ABANDONED)
- SW - SOUTH WELL
- XYLENES ISOCONCENTRATION LINE
- BQL BELOW QUANTITATION LIMITS
- NS NOT SAMPLED
- 1.9 TOTAL XYLENES CONCENTRATION (ppb)



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CHARLOTTE, NORTH CAROLINA

## XYLENES ISOCONCENTRATION MAP

January 14, 2009

### HANCOCK COUNTRY HAMS FRANKLINVILLE, NORTH CAROLINA

**DRAWN BY:** DRK  
**DATE:** 8/13/04

**APPROVED BY**  
*CDN*

**Project No.** 99197  
**HORIZONTAL:** 1" = 300'  
**FIGURE** 16